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A **cryptographic file system** for UNIX[psu.edu](#) [PDF]

M Blaze - Proceedings of the 1st ACM conference on Computer ..., 1993 - portal.acm.org

Abstract Although **cryptographic** techniques are playing an increasingly important role in modern computing **system** security, user-level tools for encrypting **file** data are cumbersome and suffer from a number of inherent vulnerabilities. The **Cryptographic File System** (CFS) pushes ...

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[PDF] The design and implementation of a transparent **cryptographic file system** for ...[psu.edu](#) [PDF]

G Caltaneo, L Caluogno, A Del Sorbo, P Persiano - 1997 - Citeseer

Recent advances in hardware and communication technologies have made possible and cost effective to share a **file system** among several machines over a local (but possibly also a wide) area network. One of the most successful and widely used such applications is Sun's ...

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[HTML] NCryptfs: A secure and convenient **cryptographic file system**[usenix.org](#) [HTML]

CP Wright, M Martino, E Zadok - Proceedings of the Annual USENIX ..., 2003 - usenix.org

Often, increased security comes at the expense of user convenience, performance, or compatibility with other systems. The right level of security depends on specific site and user needs, which must be carefully balanced. We have designed and built a new **cryptographic file system** ...

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Separating key management from **file system** security[psu.edu](#) [PDF]

D Mazieres, M Kaminsky, MF Kaashoek, E ... - ACM SIGOPS ..., 1999 - portal.acm.org

... SFS doesn't care why users believe this pathname, or even what level of confidence they place in the files. SFS just delivers **cryptographic file system** security to whatever **file system** the users actually name. 2.3 The/sfs directory ...

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Key management in an encrypting **file system**[psu.edu](#) [PDF]

M Blaze - Proceedings of the Summer 1994 USENIX Conference, 1994 - usenix.org

... This paper describes a **system**, based on **cryptographic** "smartcards," for the temporary

"escrow" of **file** encryption keys for critical files in a **cryptographic file system**. ... 8. References

[1] Blaze, M., "A **Cryptographic File System** for Unix." Proc. ...

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[PDF] Cryptfs: A stackable vnode level encryption **file system**

[psu.edu](#) [PDF]

E Zadok, I Badulescu, A Shender - 1998 - Citeseer

... Consequently, transparent **cryptographic file** systems have not received wide use. We have remedied these problems in Cryptfs. Cryptfs is implemented as a kernel-resident **file system**, and can be mounted on any directory and on top of any other **file system** such as UFS and ...

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Cryptographic access control in a distributed **file system**

[psu.edu](#) [PDF]

A Harrington, C Jensen - ... of the eighth ACM symposium on Access ..., 2003 - portal.acm.org

ABSTRACT Traditional access control mechanisms rely on a reference monitor to mediate access to protected resources. Reference monitors are inherently centralized and existing attempts to distribute the functionality of the reference monitor suffer from problems of scalability. ...

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[PDF] TCFS: Transparent **Cryptographic File System**

[unisa.it](#) [PDF]

E Mauriello - Linux Journal, 1997 - lcf.unisa.it

Current network technology makes it cheap and convenient to share resources over a network. Typically, a computer network consists of one server with direct access to a resource (**file system**, printers, CPU time). The server then allows several clients to access the ...

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Stegfs: A steganographic **file system** for linux

[psu.edu](#) [PDF]

A McDonald, M Kuhn - Information Hiding, 1999 - Springer

... 463 5. Peter Gutmann: Secure **FileSystem** (SFS) for DOS/Windows. ... 463 6. Ross Anderson, Roger Needham, Adi Shamir: The Steganographic **File System**. ... 73-82. <http://www.cl.cam.ac.uk/ftp/users/rja14/sfs3.ps.gz> 464, 465, 466, 476 7. Michael Roe: **Cryptography** and Evidence. ...

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[psu.edu](#) [PDF]

WJ Bolosky, JR Douceur, D Ely, M ... - Proceedings of the 2000 ..., 2000 - portal.acm.org

... We need to use **cryptographic** techniques to ensure data privacy and integrity. We also need to create and securely distribute multiple replicas of each **file** throughout the **system**, both to prevent a malicious user from easily destroying all copies of any given **file** and because we ...

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